

AWIPS APPLICATION INSTALLATION INSTRUCTION NOTE 7, Revision A
(for Electronics Systems Analyst, Information Technology Officers, and AWIPS Focal Points)

Maintenance, Logistics, and Acquisition Division
W/OPS12: JCS

SUBJECT : IFPS 15.3v2 Installation Instructions

PURPOSE : To provide instructions on downloading and installing the IFPS 15.3v2 software upgrade.

PREINSTALLATION REQUIREMENTS : AWIPS software release OB2.2 and IFPS 15.2, at minimum, must be installed prior to beginning the IFPS 15.3v2 installation. **All installing sites are required to open a Trouble Ticket with the Network Control Facility (NCF) prior to installing this release.** Installation support will be provided by the Meteorology Development Laboratory (MDL) (refer to the Installation Support section below).

EFFECTIVITY : All AWIPS WFO configured (operational and nonoperational) sites must install this release.

ESTIMATED TIME REQUIRED : Approximately 50 staff minutes to complete the installation.

EFFECT ON OTHER INSTRUCTIONS : IFPS 15.3v2 is a pre-installation requirement for installing AWIPS maintenance release OB3.1.

AUTHORIZATION : The authority for this modification note is Request for Change AB745.

VERIFICATION STATEMENT : The IFPS 15.3v2 installation procedures were tested and verified on OST's AWIPS test platform - NMTW, in Silver Spring, MD. Two Beta sites, PBZ and RNK, were also used to test and verify the installation procedures.

SECURITY LEVEL : Root

TECHNICAL SUPPORT : For technical support related to the operation of this release, contact the NCF at (301) 713-9344.

INSTALLATION SUPPORT : For questions or problems regarding the installation instructions or installing this release, contact Carl McCalla at (301) 713-1065 X169 or Iris Boon at (301) 713-1065 X145.

GENERAL

The IFPS 15.3v2 installation upgrade kit includes 1 CD (labeled “IFPS 15.3v2”) and a cover letter.

NOTE: Refer to the following Web address for IFPS 15.3v2 installation instructions, release notes, user’s guide, additional site support information, and other IFPS-related material:

<http://www.nws.noaa.gov/mdl/icwf/IFPS15.3/IFPS15.3.htm>

IFPS 15.3v2 Delivered Functionality

- Support for OB3.1/OB4 WWA database changes (IFPS15.3v2 can handle pre/post change WWA)
- getwwalist and putwwa allow GFE formatters to access WWAs in the Informix database
- Fix for runaway NGM MOS ingest at cold-weather WFOs
- Capability for NDFD status messages in GFE
- MDL Formatter fixes
- **GFE:** For descriptions and details regarding GFE enhancements available in IFPS15.3v2, visit the GFE Enhancements section at:

http://www-md.fsl.noaa.gov/eft/ifps15doc/onlinehelp/CHANGES_BUGS_FIXES_HIGHLIGHTS.html

and GFE Release Notes section at:

<http://www-md.fsl.noaa.gov/eft/ifps15doc/onlinehelp/README.html>

- GFE enhancements are in the following areas:
 - User Interface Enhancements
 - General GFE Enhancements
 - Smart Tool Enhancements
 - Text Product/Infrastructure Enhancements
 - ifpIMAGE Enhancements
 - ifpServer Enhancements

- GFE bug fixes are in the following areas:
 - User Interface Bug Fixes
 - General GFE Bug Fixes
 - Smart Tool Bug Fixes
 - Intersite Coordination Bug Fixes
 - Text Product/Infrastructure Bug Fixes

General Pre-Installation and Installation Guidelines

- NCF upgrade support is available from 7 a.m. to 7 p.m. EST, Monday through Thursday.
 - OCONUS sites requiring upgrade assistance outside the set support hours on Thursdays must coordinate through their AWIPS regional focal point. If the NCF is not advised ahead of time, they will assume a scheduled OCONUS site will follow the set support hours.
 - All IFPS 15.3v2 upgrades must be completed by June 10, 2004.
- Refer to the following Web address for the latest IFPS 15.3v2 installation instructions:

<http://www.nws.noaa.gov/mdl/icwf/IFPS15.3/IFPS15.3.htm#Install>

Noted Problems and Work Arounds

Section II of the Release Notes highlights special problems and workarounds for IFPS15.3.v2. Review this section of Release Notes for additional "news."

- **Post-install steps for fixing openWWA bug**
 1. Modify the `/awips/ifps/primary/bin/getwwalist` script:
 - Change line #29 of `/awips/ifps/primary/bin/getwwalist` from,
+GFEPYTHON="\$GFESUITE_HOME/bin/gpython"
to + GFEPYTHON="\$GFESUITE_HOME/bin/run/gfe"
 2. Modify the `/awips/ifps/primary/bin/putwwa` script
 - Change line #32 of `/awips/ifps/primary/bin/putwwa` from,
+GFEPYTHON="\$GFESUITE_HOME/bin/gpython"
to + GFEPYTHON="\$GFESUITE_HOME/bin/run/gfe"

REPORTING INSTRUCTIONS:

Report the completed modification using the Engineering Management Reporting System (EMRS) according to the instructions in NWS Instruction 30-2104, Maintenance Documentation, Part 4, Appendix F. Include the following information on the EMRS Report:

Block #	Block Type	Information
5	Description	Install IFPS version 15.3v2
7	Equipment Code	AWIPS
8	Serial Number	001
15	Comments	Downloaded and installed IFPS version 15.3v2 I.A.W. AWIPS Application Installation Instruction Note 7, Revision A.
17a	Mod. No.	AS7A

A sample EMRS report is provided as attachment A.

Mark S. Paese
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Attachment A - EMRS Report Sample

Attachment A - EMRS Report Sample

A26 Detail Form - ESCM2, SILVER SPRING, MD :: JOHN MERHI - Microsoft Internet Explorer

New A26 Commit A26 Place on Hold Copy A26 Delete A26 Detail Report Document Summary Help

GENERAL INFORMATION

NEW RECORD WFO* TBW Document No.* TBW40412010

1. Open Date 04/12/2004 Open Time 09:00 2. Op Initials WSH 3. Response Priority
☐ Immediate ☐ Low
☐ Routine ☒ Not Applicable 4. Close Date 04/12/2004 Close Time 10:00

5. Maintenance Description 473 characters left AWIPS
 Install IFPS version 15.3v2

EQUIPMENT INFORMATION

6. Station ID* TBW 7. Equipment Code AWIPS 8. Serial Number 001 9. TM M 10. AT M 11. How Mal 999

Alert: Time Remaining: (For Block 12 use only)

13. PARTS USAGE and CONFIGURATION MANAGEMENT REPORTING

ASN	Vendor Part No. (New Part)	Serial Number (Old Part)	Serial Number (New Part)	
				New Row
				Delete Row

14. WORKLOAD INFORMATION

a. Routine		b. Non-Routine		c. Travel		d. Misc		e. Overtime	
Hours	Minutes	Hours	Minutes	Hours	Minutes	Hours	Minutes	Hours	Minutes
						1	0		

MISCELLANEOUS INFORMATION

15. Maintenance Comments 651 characters left
 Installed IFPS version 15.3v2, I.A.W. AWIPS Application Installation Instruction Note 7, Revision A

16. Tech Initials GAF

17. SPECIAL PURPOSE REPORTING INFORMATION

a. Mod No.	b. Mod Act/Deact Date	c. Block C	d. Trouble Ticket No.	e. Block E
AS7A	04/12/2004			

Commit A26 Place on Hold Copy A26 New A26 Cancel

Done Internet